

IN THE CLAIMS

Please amend the claims as follows:

1- 9 (Cancelled)

10. (New) A method for treating ship ballast water, said method comprising adding to the ship ballast water:

(1) hydrogen peroxide or a compound producing hydrogen peroxide in an amount such that a hydrogen peroxide concentration in the ship ballast water is 10 to 500 mg/L, and

(2) at least one chemical selected from the group consisting of:

(a) ferrous ion or a compound supplying ferrous ion in an amount such that a ferrous ion concentration in the ship ballast water is 0.1 to 400 mg/L,

(b) catalase in an amount such that a concentration of catalase in the ship ballast water is 0.5 to 2,500 unit/L, and

(c) iodine or a compound supplying iodine in an amount such that an iodine concentration in the ship ballast water is 0.1 to 100 mg/L,  
such that organisms viable in the ship ballast water are exterminated and the concentration of dissolved oxygen in the ship ballast water is maintained at a level viable to said organisms.

11. (New) The method for treating the ship ballast water according to Claim 10, wherein said hydrogen peroxide concentration is 10 to 300 mg/L, said ferrous ion concentration is 0.1 to 100 mg/L, said catalase concentration is 0.5 to 250 unit/L, and said iodine concentration is 0.1 to 10 mg/L.

12. (New) The method for treating the ship ballast water according to Claim 10, wherein said compound producing hydrogen peroxide is added to the ship ballast water and is selected from the group consisting of perboric acid, percarbonic acid, peroxyulfuric acid, peracetic acid, sodium perborate and sodium percarbonate.

13. (New) The method for treating the ship ballast water according to Claim 10, wherein said compound supplying ferrous ion is added to the ship ballast water and is selected from the group consisting of ferrous sulfate, ferrous chloride and ammonium ferrous sulfate.

14. (New) The method for treating the ship ballast water according to Claim 10, wherein said catalase is added to the ship ballast water and is selected from the group consisting of a resultant extracted article from a liver, a kidney and blood erythrocytes of a cow and a pig, and a resultant bacteria cultured article of *Aspergillus niger* and *Micrococcus lysodeikticus*, having a molecular weight of 100,000 to 500,000 and an activity of 10,000 to 100,000 unit/mL.

15. (New) The method for treating the ship ballast water according to Claim 10, wherein said compound supplying iodine is added to the ship ballast water and is selected from the group consisting of potassium iodide and ammonium iodide.

16. (New) The method for treating the ship ballast water according to Claim 10, wherein said hydrogen peroxide or a compound producing hydrogen peroxide, said ferrous ion or a compound supplying ferrous ion, said catalase and said iodine or a compound

supplying iodine are diluted or dissolved with seawater or fresh water and are added to the ballast water.

17. (New) The method for treating the ship ballast water according to Claim 10, wherein said hydrogen peroxide or a compound producing hydrogen peroxide is allowed to be in contact with the ballast water for 3 to 40 hours.

18. (New) The method for treating the ship ballast water according to Claim 10, comprising adding hydrogen peroxide to the ship ballast water.

19. (New) The method for treating the ship ballast water according to Claim 10, comprising adding a compound producing hydrogen peroxide to the ship ballast water.

20. (New) The method for treating the ship ballast water according to Claim 10, comprising adding ferrous ion to the ship ballast water.

21. (New) The method for treating the ship ballast water according to Claim 10, comprising adding a compound supplying ferrous ion to the ship ballast water.

22. (New) The method for treating the ship ballast water according to Claim 10, comprising adding catalase to the ship ballast water.

23. (New) The method for treating the ship ballast water according to Claim 10, comprising adding iodine to the ship ballast water.

24. (New) The method for treating the ship ballast water according to Claim 10, comprising adding a compound supplying iodine to the ship ballast water.

25. (New) A method for treating ship ballast water comprising:

adding hydrogen peroxide or a compound producing hydrogen peroxide to the ship ballast water in an amount such that the hydrogen peroxide concentration in the ship ballast water is 10-500 mg/L;

adding a ferrous ion or a compound producing a ferrous ion to the ship ballast water in an amount such that the concentration of the ferrous ion in the ship ballast water is 0.1-400 mg/L;

adding catalase to the ship ballast water in an amount such that the concentration of catalase in the ship ballast water is 0.5 - 2,500 unit/L; and

adding iodine or a compound supplying iodine to the ship ballast water in an amount such that the iodine concentration in the ship ballast water is 0.1-100 mg/L,

such that organisms viable in the ship ballast water are exterminated and the concentration of dissolved oxygen in the ship ballast water is maintained at a level viable to said organisms.